



Catalogue No. 11
MAY, 1949

HAND & BREAST DRILLS
HAND BENCH GRINDERS
GRINDING HEADS (Power)

Etc., Etc., Etc.

*For Catalogue
May 18/49
Installation
Oct. 24/49
P.B.*

MANUFACTURED BY
M. C. GOODING & Co., Ltd.
KEEN WORKS, KEENS ROAD
CROYDON, SURREY
Telephone: CROYDON 1616
Telegrams: "KEENUNS, CROYDON"
Codes: 5 & 6 A.B.C.

FOREWORD

We have pleasure in presenting our first Post-War Catalogue No. 11, the contents of which are, no doubt, familiar to our old customers, containing as it does most of our pre-war products. Owing to difficulty in obtaining supplies our range is not, at present, as great as hitherto, but when material becomes more abundant it is our intention to add to items as circumstances permit.

To our old friends we can only say that the quality of our tools is fully up to pre-war "Keen" standard. Need we say more?

To new and discerning customers a careful study of this Catalogue will reveal much of interest, containing as it does a variety of tools designed as the result of nearly 30 years' experience, of first-class workmanship and at "Keen" prices.

All our products are guaranteed to be free from imperfections or defects in workmanship and material and when so defective will be replaced or repaired free of charge.

USUAL TERMS OF BUSINESS.

Orders over £10 Carriage Paid in England and Wales. Carriage Paid in Scotland and Ireland over £15.

Please note all orders are accepted on the conditions that we have the right to increase the prices in this list should any increase be made to us by our sources of supply.

We value your goodwill and shall not do so unless circumstances compel us.

We do a very large export business and can quote most favourable prices and terms to **suit the competition and conditions of the market in any Country.**

Discount :—

Market :

We Don't Meet Competition—We MAKE It.

"Keen Works,"

Keens Road,
Croydon.

M. C. GOODING & CO. LTD.

INDEX

Drills, Hand	...	...	...	...	...	...	...	...	Page	9-11
„ Breast	...	...	...	...	...	...	...	...	„	12-13
„ Bench (Hand)	...	...	...	...	...	...	...	...	„	14
Clamps, Carpenters	...	...	...	...	...	...	...	...	„	15
Grinders, Hand Bench	...	...	...	...	...	...	...	...	„	3-7
„ Tool (Power)	...	...	...	...	...	...	...	...	„	17
Polishing Heads	...	...	...	...	...	...	...	...	„	17-19
Treadle Attachment	...	...	...	...	...	...	...	...	„	8
Trimmers Emery	...	...	...	...	...	...	...	...	„	8
Vices	...	...	...	...	...	...	...	...	„	15-16

HAND, BREAST AND BENCH DRILLS

GENERAL SPECIFICATION

All steel used is of best possible quality and components properly machined from it. Castings are of special high tensile cast iron alloy and are unbreakable with fair use. All bearings are bored from the solid and provision is made to absorb thrust where price allows. Gears are properly machined, cut from the solid of best material. Finish is first class, being stove enamel (no other finish can approach this for good appearance). Jaw of chucks are properly hardened and of proper accuracy. All parts are fully guaranteed !

**NO SOFT ZINC BASE DIE CASTINGS ARE USED IN
THE MANUFACTURE OF ANY OF THE TOOLS SHOWN
IN THIS CATALOGUE.**

We Don't Meet Competition—We MAKE It.

HAND BENCH GRINDERS

SPARES.

All Hand Bench Grinders manufactured by us are made from highest grade materials to interchangeable limits. Spares can always be posted promptly to any part of the World.

GENERAL SPECIFICATION OF ALL HAND BENCH GRINDERS.

All castings of best grade special alloy cast iron, all holes drilled and reamed from solid. All Spindles, Screws, Fittings, etc., from best machining Steel finished polished or nickel plated according to model. Gears and Pinions are cut by the most modern methods and are exceedingly efficient and silent. Clamp Screws which in the past have been a source of trouble are now *absolutely unbreakable.*

FINISH.

All models are finished with best coloured stoving enamel and fittings are either polished steel or nickel plated according to the type. Black and Gold transfers add to their general appearance. Handles are of polished hardwood.

ABRASIVE WHEELS.

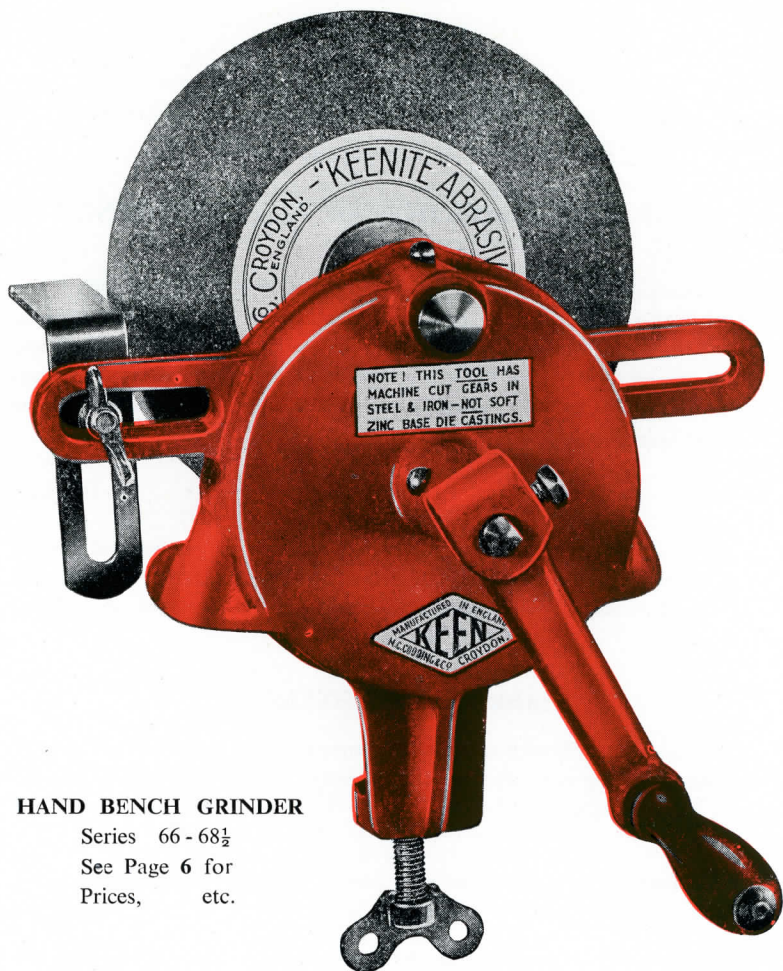
All wheels in deference to popular demand are of 80 to 100 grit and of **Hard Bond**. Please note that we can fit either Silicate or Vitrified Bonded wheels: we most strongly advise **Vitrified wheels where best possible grinding service is necessary, they are more than worth the extra cost.**

All Grinders are packed one in a carton (suitable for export) in wood wool and clearly labelled for your stock shelves.

Spare wheels for all machines can be supplied. Prices on application.

**NOTE. NO SOFT ZINC BASE DIE CASTINGS ARE USED
IN THE MANUFACTURE OF ANY OF THE TOOLS
SHOWN IN THIS CATALOGUE.**

We Don't Meet Competition--We MAKE It.



HAND BENCH GRINDER

Series 66 - 68½

See Page 6 for

Prices, etc.

**NOTE! THIS TOOL HAS MACHINE-CUT GEARS IN STEEL
AND IRON--NOT SOFT ZINC BASE DIE CASTINGS.**

**NOTE ! THIS TOOL HAS MACHINE-CUT GEARS IN STEEL
AND IRON—NOT SOFT ZINC BASE DIE CASTINGS.**

THE “ POPULAR ” HAND BENCH GRINDER



Machine cut gears, bearings from the solid.

Enamelled in Black.

Hard Wheel, adjustable tool rest.
Packed in carton.

“ Popular ” Gold and Black Transfers.

No.	14	14½	41
Wheel	4" × 1"	5" × 1"	6" × 1"
Weight	lb. oz. 3 6	lb. oz. 4 0	lb. oz. 6 8
Price	9/9	11/3	15/6

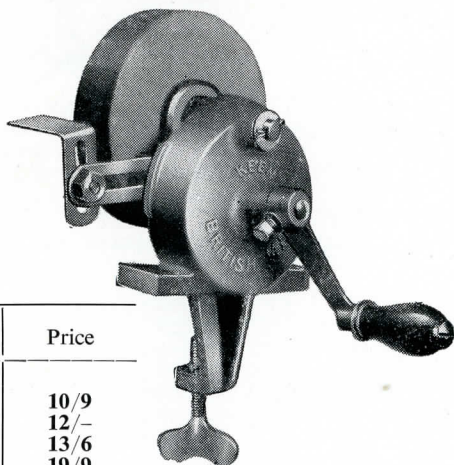
“ KEEN ” HAND BENCH GRINDER

Similar in construction to
14½—41, but all details of
better quality.

Enamelled in Green.

Packed One in carton.

“ Keen ” Gold and Black
transfers.



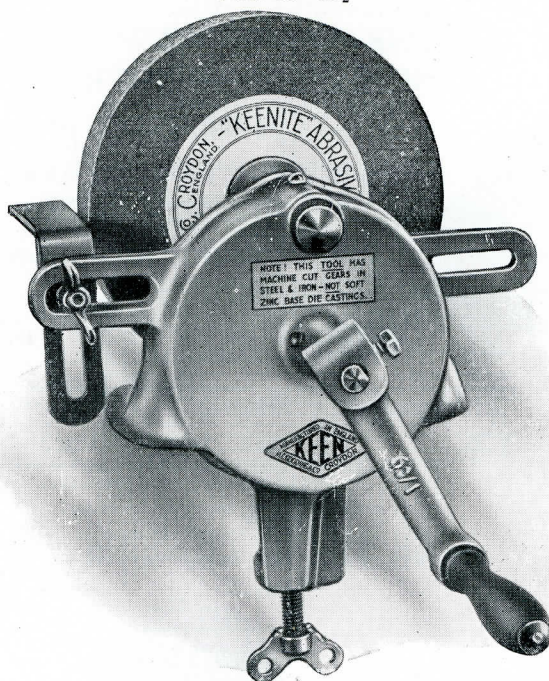
No.	Wheel Size	Weight	Price
		lb. oz.	
16	3" × 1"	3 0	10/9
17	4" × 1"	3 6	12/-
18	5" × 1"	4 0	13/6
19	6" × 1"	6 8	19/9

We Don't Meet Competition—We MAKE It.

We Don't Meet Competition—We MAKE It.

“ KEEN ” HAND BENCH GRINDER

Nos. 66—83½



Enamelled Red with Gold Transfer.

Hard Bonded Special Fast Cutting Wheel. Machine Cut silent Gears.

Bright Steel Fittings.

Fully Universal Tool and Scissor Grinding Rest. Packed One in Carton.

Wheels properly bushed and run dead true.

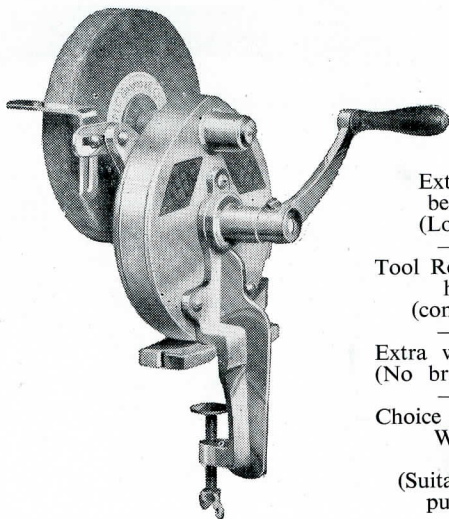
No.	Wheel Size	Wheel Composition	Wheel Bonding	Weight	Price
				lb. oz.	
66	4" × 1"	Ordinary Corundum	Silicate	6 12	19/6
66½	" "	Special "	Vitrified	" "	23/-
67	5" × 1"	Ordinary "	Silicate	7 " 8	22/-
67½	" "	Special "	Vitrified	" "	26/9
68	6" × 1"	Ordinary "	Silicate	8 " 2	25/-
68½	" "	Special "	Vitrified	" "	31/-
83	6" × 1"	Ordinary "	Silicate	9 " 2	32/9
83½	" "	Special "	Vitrified	" "	38/9
84	7" × 1"	Ordinary "	Silicate	9 " 12	34/6
84½	" "	Special "	Vitrified	" "	40/6
85	8" × 1"	Ordinary "	Silicate	10 " 8	39/6
85½	" "	Special "	Vitrified	" "	49/6

NOTE.—We most strongly advise you to order Vitrified Bonded Wheels.

**NOTE! THIS TOOL HAS MACHINE-CUT GEARS IN STEEL
AND IRON—NOT SOFT ZINC BASE DIE CASTINGS.**

“ KEEN ” HAND BENCH GRINDERS

Nos. 45 — 50½



Heavy, robust —
Heavy, robust
construction.
(freedom from
breakages).

Silent Gears.
(Comfortable work-
ing).

Powerful action
(Ease of operation)

Ample lubrication.
(Free running)

Extra long
bearings.
(Long life)

Tool Rest R. & L.
hand.
(convenient)

Extra width gears.
(No broken gears)

Choice of Grinding
Wheels.

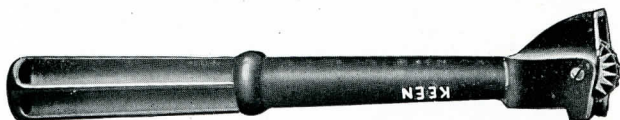
(Suitable for all
purposes)

We advise —Corundum (Vit.) for General Work.

No.	Size	Wheel Composition	Weight	Price
45	4" × 1"	Silicate Corundum	8 12	22/9
45½	4" × 1"	Vitrified "	8 12	23/9
45½	4" × 1"	Vit. Silicon Carbide	8 12	25/6
46	5" × 1"	Silicate Corundum	9 6	25/3
46½	5" × 1"	Vitrified "	9 6	27/6
46½	5" × 1"	Vit. Silicon Carbide	9 6	30/6
47	6" × 1"	Silicate Corundum	10 0	29/6
47½	6" × 1"	Vitrified "	10 0	35/3
47½	6" × 1"	Vit. Silicon Carbide	10 0	39/-
48	7" × 1"	Silicate Corundum	14 12	41/-
48½	7" × 1"	Vitrified "	14 12	47/-
48½	7" × 1"	Vit. Silicon Carbide	14 12	50/9
49	8" × 1"	Silicate Corundum	15 8	47/-
49½	8" × 1"	Vitrified "	15 8	58/9
49½	8" × 1"	Vit. Silicon Carbide	15 8	62/-
50	9" × 1"	Silicate Corundum	17 10	53/9
50½	9" × 1"	Vitrified "	17 10	67/-
50½	9" × 1"	Vit. Silicon Carbide	17 10	70/9

**NO SOFT ZINC BASE DIE CASTINGS ARE USED IN
THE MANUFACTURE OF ANY OF THE TOOLS SHOWN
IN THIS CATALOGUE.**

“ KEEN ” EMERY WHEEL TRIMMERS



All trimmers properly machined. Cutters and washers case hardened. Nicely finished in stoving enamel.

Packed One in carton.

No.	Weight	Length	Cutters	Price
	lb. oz.			
101	1 14	11½"	1 set	4/9
102	2 8	12"	1 set	6/6
103	4 9	13"	1 set	19/-

SPARE CUTTERS FOR ABOVE

Our No.				Price
101A	...	...	...	7/- doz.
102A	...	...	...	8/6 „
103A	...	...	...	40/- „

“ KEEN ” TREADLE ATTACHMENT (FOR HAND BENCH GRINDERS)

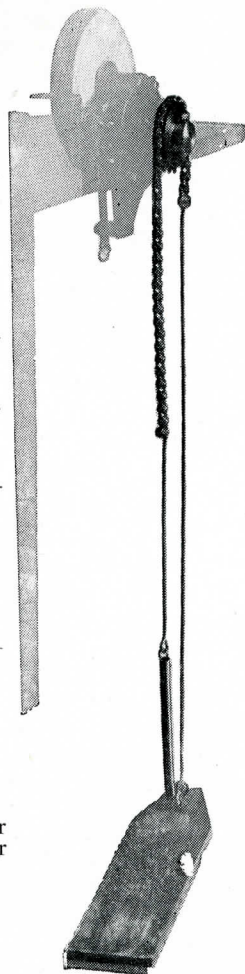
No. 73

A very simple attachment to form a foot drive for any Hand Bench Grinder, fitted with 6 in. diameter wheel and over.

Quickly and easily fitted.

State No. of Grinder required for.

Weight 2 lb. 2 ozs. Price 21/-

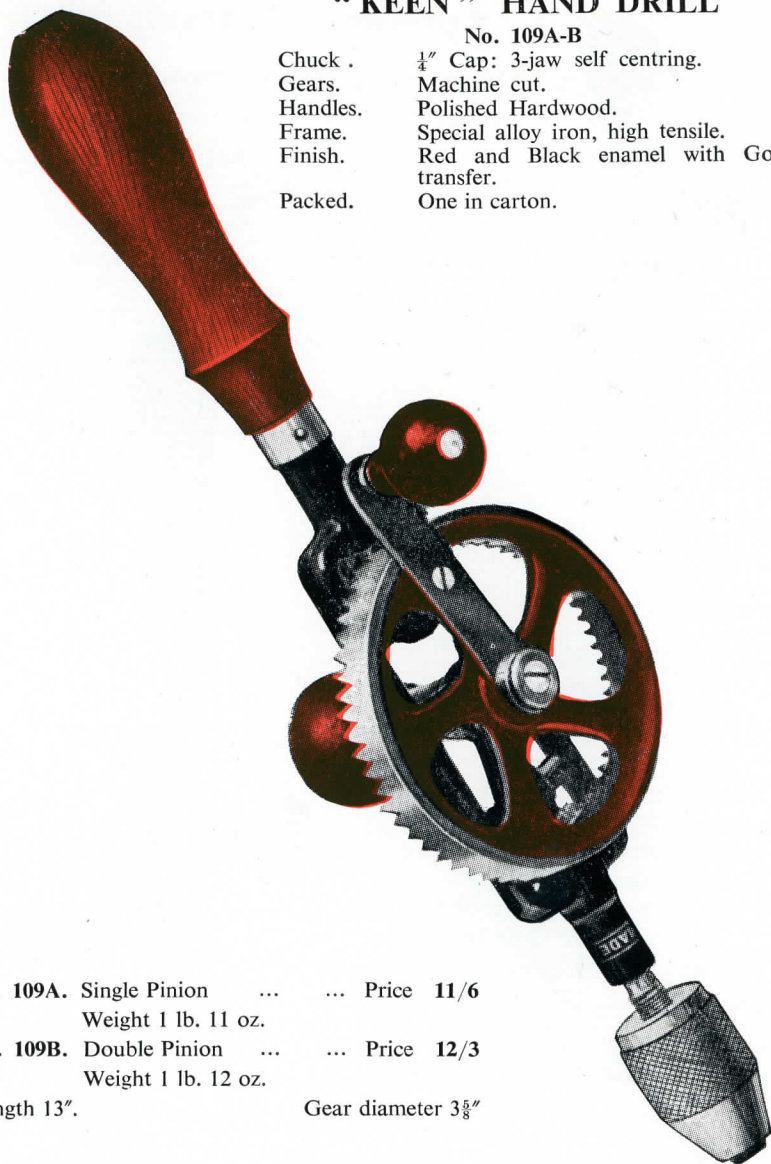


We Don't Meet Competition—We MAKE It.

“ KEEN ” HAND DRILL

No. 109A-B

Chuck .	$\frac{1}{4}$ " Cap: 3-jaw self centring.
Gears.	Machine cut.
Handles.	Polished Hardwood.
Frame.	Special alloy iron, high tensile.
Finish.	Red and Black enamel with Gold transfer.
Packed.	One in carton.



No. 109A.	Single Pinion	...	...	Price	11/6
	Weight	1 lb. 11 oz.			
No. 109B.	Double Pinion	...	...	Price	12/3
	Weight	1 lb. 12 oz.			
Length 13".				Gear diameter	3 $\frac{5}{8}$ "

We Don't Meet Competition—We MAKE It.

“DOMINION” HAND DRILL

No. 111

Chuck.	$\frac{1}{4}$ " 3-jaw self centring.
Gears.	Machine cut in grey iron.
Handles.	Polished Hardwood.
Body.	Steel.
Finish.	Enamelled Red and Black (stove). Gold transfer.
Packed.	One in carton.
Price $5/6$.	

Length $8\frac{1}{4}$ ".

Weight 12 oz.

Gear diameter $2\frac{5}{8}$ "



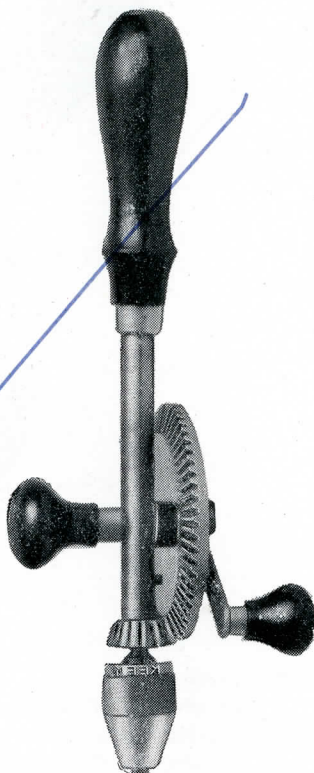
“DOMINION” HAND DRILL

No. 111A

Chuck.	$\frac{1}{4}$ " cap: 3-jaw self centring.
Gears.	Machine cut in grey iron.
Handles.	Polished Hardwood.
Body.	Steel.
Finish.	Enamelled Red and polished steel with Gold Transfer.
Packed.	One in carton.
Price 9/-	

Length 11" Weight 16ozs.

Gear diameter $3\frac{5}{8}$ "



**NOTE! THESE TOOLS HAVE MACHINE-CUT GEARS IN
STEEL AND IRON—NOT SOFT ZINC BASE DIE CASTINGS.**

NOTE! THESE TOOLS HAVE MACHINE-CUT GEARS IN STEEL AND IRON—NOT SOFT ZINC BASE DIE CASTINGS.

“KEEN” HAND DRILL

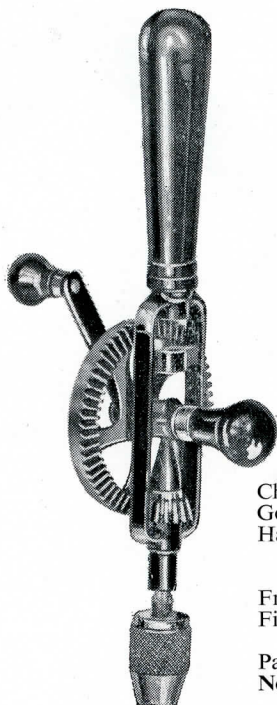
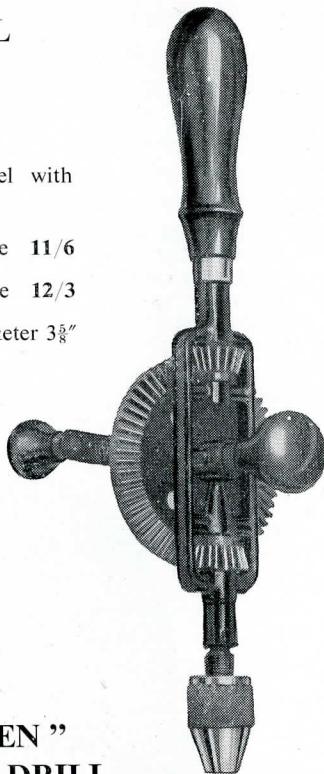
No. 33C-D

Chuck. $\frac{1}{4}$ " Cap: 3-jaw self centring.
 Gears. Machine cut in special alloy.
 Handles. Polished Hardwood.
 Frame. Special alloy iron.
 Finish. Red and Black stove enamel with Gold transfer.
 Packed. One in carton.

No. 33C. Single Pinion ... Price 11/6
 Weight 1 lb. 11 oz.

No. 33D. Double Pinion ... Price 12/3
 Weight 1 lb. 12 oz.

Length 13". Gear diameter $3\frac{5}{8}$ "



“KEEN” HAND DRILL

No. 34A-B

Chuck. $\frac{1}{4}$ " Cap: 3-jaw self centring.
 Gears. Machine cut, pinion in steel.
 Handles. Main, hollow, in steel extra large capacity, side and crank polished hardwood.
 Frame. High tensile alloy grey iron.
 Finish. Gear red and frame black enamel and Gold transfer.
 Packed. One in carton.

No. 34A. Single Pinion ... Price 14/9
 Weight 1 lb. 14 oz.

No. 34B. Double Pinion ... Price 15/6
 Weight 1 lb. 15 oz.

Length $12\frac{3}{4}$ ". Gear diameter $3\frac{5}{8}$ "

We Don't Meet Competition—We MAKE It.

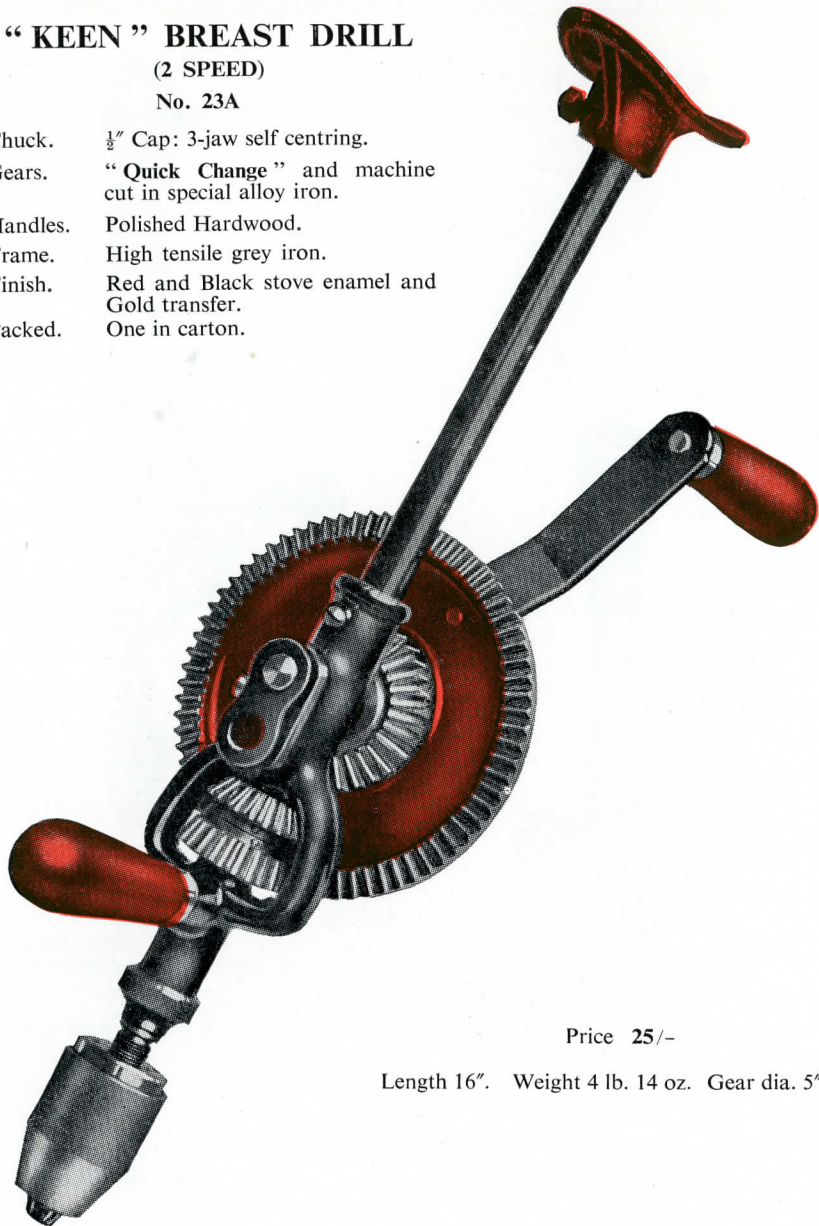
We Don't Meet Competition—We MAKE It.

“ KEEN ” BREAST DRILL

(2 SPEED)

No. 23A

Chuck.	$\frac{1}{2}$ " Cap: 3-jaw self centring.
Gears.	“ Quick Change ” and machine cut in special alloy iron.
Handles.	Polished Hardwood.
Frame.	High tensile grey iron.
Finish.	Red and Black stove enamel and Gold transfer.
Packed.	One in carton.



Price 25/-

Length 16". Weight 4 lb. 14 oz. Gear dia. 5".

**NOTE! THIS TOOL HAS MACHINE-CUT GEARS IN STEEL
AND IRON—NOT SOFT ZINC BASE DIE CASTINGS.**

“EMPIRE” BREAST DRILL

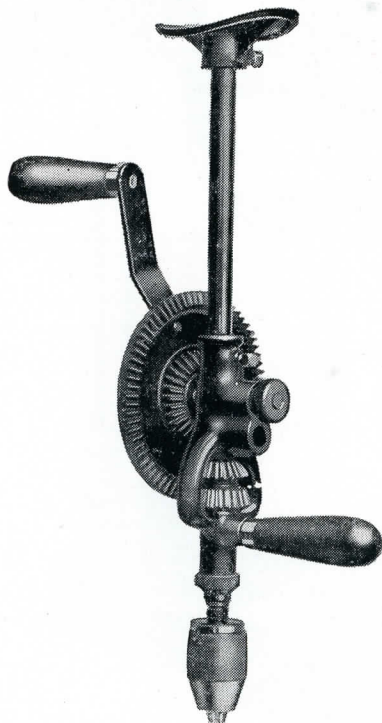
(2 speed)

No. 26A

Chuck. $\frac{1}{2}$ " Cap: 3-jaw self centring.
Gears. Machine cut in grey iron, pinions of steel.
Handles. Polished Hardwood.
Frame. Special high tensile alloy iron.
Finish. Black and Red stove enamel and Gold transfer.
Packed. One in carton.
Price 22/3
Length 16".

Weight 4 lb. 6 oz.

Gear diameter 5"



“KEEN” BREAST DRILL

(2 SPEED)

No. 22A

Chucks. $\frac{1}{2}$ " Cap: 3-jaw self centring.
Gears. Machine cut in special grey iron.
Handles. Polished Hardwood.
Frame. High Tensile Grey Iron
Finish. Red and Black stove enamel and Gold transfer.
Packed. One in carton.

Price 24/-

Length 16".

Weight 5 lb.

Gear Diameter 5"

We Don't Meet Competition—We MAKE It.

“KEEN ” BENCH DRILL

No. 57

Chuck of $\frac{1}{2}$ " Cap: 3-jaw self centring, with self acting feed to Spindle (adjustable).

Heavy flywheel provides ample power.

Ball Bearing Thrust.

Head is adjustable.

Drill table is slotted for holding down work.

Finish. Red and Black stove enamel and Gold transfer.

Packed. One in carton.

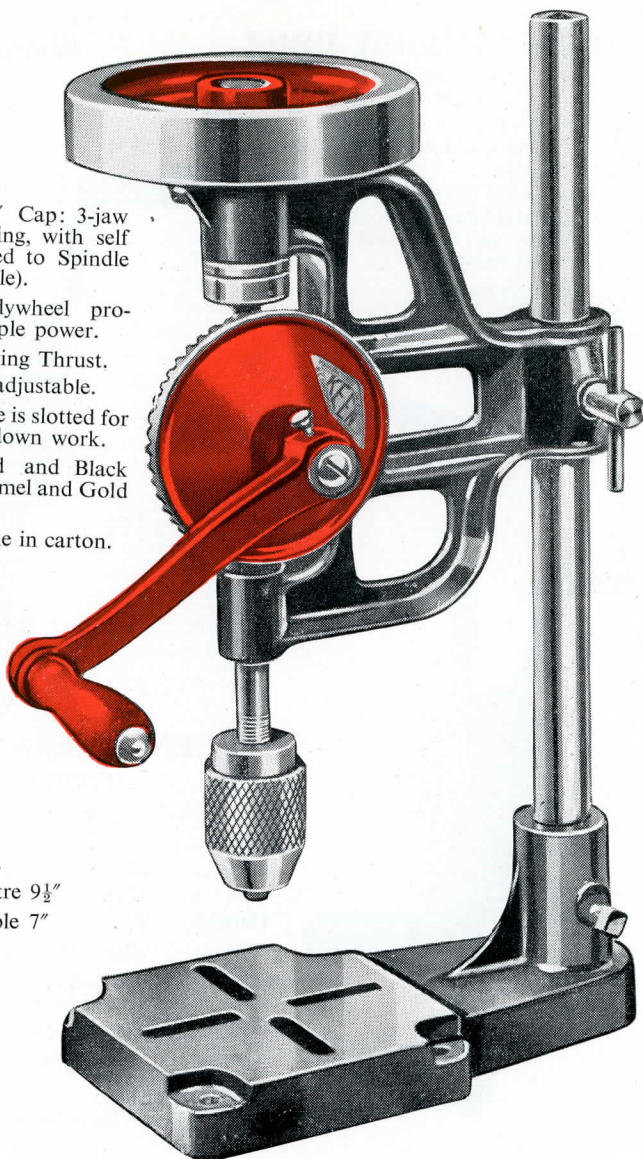
Price 57/6

Height 20"

Weight 15 lb.

Drills to centre $9\frac{1}{2}$ "

Chuck to table 7"



NOTE! NO SOFT ZINC BASE DIE CASTINGS ARE USED IN THE MANUFACTURE OF ANY OF THE TOOLS SHOWN IN THIS CATALOGUE.

“ KEEN ” MACHINE VICE

(FOR BENCH DRILLING MACHINES)

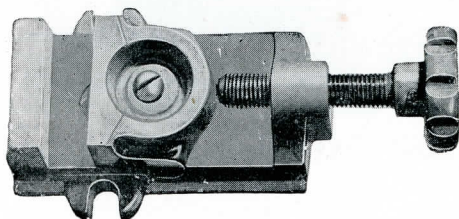
A most useful tool, strongly made of best materials. They are suitable for amateur or professional.

Movable jaw is adjustable so that Vice will hold taper sections with ease

Provision for bolting to drill table.

Packed One in carton.

Finished Green with Gold transfers.



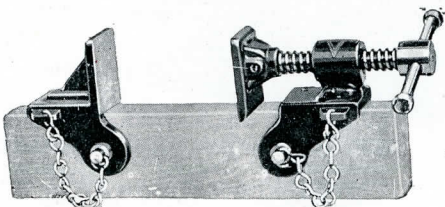
	No. 118	No. 125
Weight	lb. oz. 2 12	lb. oz. 4 10
Width of Jaws	2"	3"
Depth of Jaws	$\frac{3}{4}$ "	1"
Open	1 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "
Price	14/-	17/6

“ KEEN ” CARPENTER'S CLAMP HEAD

No. 122

Finish
Green

Packed
One in
carton



Price
8/6

Weight 2 lb. 3 oz.

These are similar to other makes on the market, but of much cleaner design and of superior finish and appearance. The moving jaw is recessed to fit over "Cramp Bar" to prevent it revolving. The heads themselves are made of a special alloy cast iron of exceptional strength, the pins being attached by a convenient length of chain to prevent their loss. Screw is best quality steel and of "Acme" thread; altogether a first-class tool.

NOTE ! NO SOFT ZINC BASE DIE CASTINGS FORM PART OF ANY OF THE TOOLS SHOWN IN THIS CATALOGUE.

“ KEEN ” WOOD WORKERS VICE

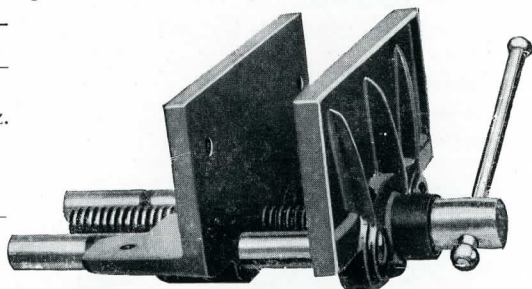
Of very sound design, steel guide rods in holes drilled from the solid high tensile castings. Steel Screw polished finished and of “Acme” thread.

Attractively finished in Green enamel with Black and Gold transfers.

Packed Two in carton.

Note—No. 108B is fitted with wooden Vice “Cheeks” ready for use, a very big asset and sales point.

	108A	108B
Price	12/-	12/9
	lb. oz.	lb. oz.
Weight	4 8	4 10
Width	6"	6½"
Opening	4½"	4"



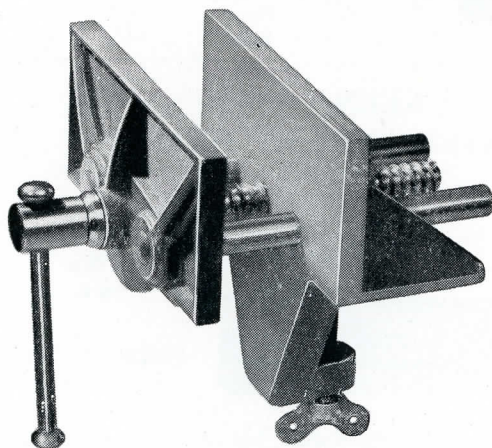
“ KEEN ” WOOD WORKERS VICE

No. 121

This Vice is similar to No. 108A but made to clamp upon any convenient table or bench and is thus particularly suitable to the amateur.

Packed One in carton.

Finish Green enamel with “Keen” Black and Gold transfers.



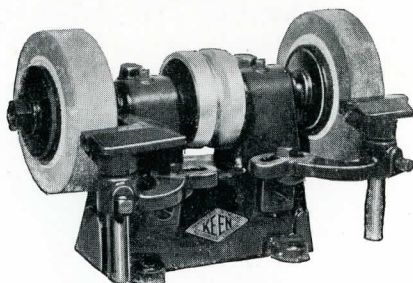
	121A	121B
Price	15/6	16/3
	lb. oz.	lb. oz.
Weight	6 6	6 8
Width	6"	6½"
Opening	5"	4½"

Note—No. 121B is fitted with wooden Vice “Cheeks” ready for use.

We Don't Meet Competition—We MAKE It.

“KEEN” POWER TOOL GRINDER AND POLISHING HEADS

A very well made tool, body of cast iron, bearings bored from solid and extra long with adjustment for wear. Adjustable rests, pulley grooved for round belt but can be used for flat. Large diameter flanges. Grinder can be driven from over, back or under.



Finished Stove enamel with Black and Gold transfers. No. 8A takes one wheel, has $\frac{1}{2}$ " cap; self centring. Chuck and taper screw for polishing.

(Wheels extra).

No. 8 is a Double ended Grinder. No. 8B has 2 taper screws for polishing and two flanges for grinding wheel.

	8	8A	8B
Price	37/6	44/-	27/6
Weight	lb. oz.	lb. oz.	lb. oz.
Diameter of Spindle	8 0	7 2	7 0
	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "

“DOMINION” POLISHING & GRINDING HEADS

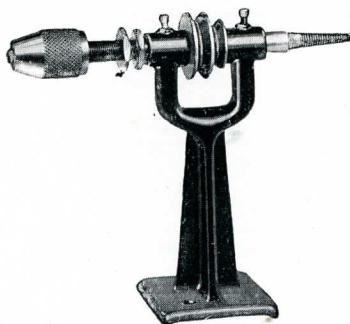
NOTE—2-SPEED PULLEY

A popular priced and extremely useful polishing and grinding head.

Body of high - grade cast iron bearings bored from the solid, spindle of machinery steel.

All steel parts bright, body nicely enamelled in red with gold transfers.

Packed in One carton.



- No. 124. As illustration $\frac{1}{4}$ " cap: self-centring chuck, taper screw for polishing bobs, flanges for grinding wheel. Weight 2 lb. 4 oz. ... Price **19/-**
- No. 124A. Two taper screws for polishing bobs. Weight 2 lb. ... Price **15/9**
- No. 124B. Two parallel screws for grinding wheel each end. Weight 2 lb. ... Price **15/-**

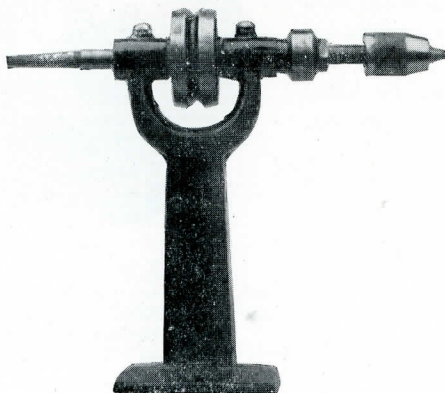
Spindle $\frac{1}{2}$ " diameter.

We Don't Meet Competition—We MAKE It.

“ KEEN ”

POLISHING AND GRINDING HEAD

LIGHT TYPE



Enamelled Green with Gold Transfer. All Bright parts Polished.
Bearings Adjustable.

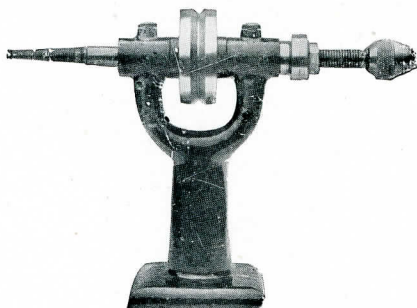
Right Hand Spindle will take small Drills. Ample Bearing Surface
ensuring long life. Will take Emery Wheels $\frac{3}{4}$ in. thick.

					No. 1	No. 3
Spindle Particulars					Spindle taper screwed both ends	Spindle fitted $\frac{1}{4}$ " 3-jaw self- centring drill Chuck on the right hand side
Height of Spindle	...	...	...	...	6"	6"
Length of Spindle	...	...	...	...	$7\frac{3}{4}$ "	$7\frac{1}{2}$ "
Diameter of Pulley	...	...	...	...	$1\frac{3}{4}$ "	$1\frac{3}{4}$ "
Size of Belt	...	...	...	...	$\frac{1}{4}$ "	$\frac{1}{4}$ "
Diameter of Spindle	...	...	...	...	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Weight	...	...	...	...	$2\frac{1}{4}$ lb.	$2\frac{1}{2}$ lb.
Price	...	...	...	...	13 /3 4/3	21 /4 8/-

**NOTE! NO SOFT ZINC BASE DIE CASTINGS FORM
PART OF ANY OF THE TOOLS SHOWN IN
THIS CATALOGUE.**

NOTE! NO SOFT ZINC BASE DIE CASTING FORM ANY PART OF ANY OF THE TOOLS SHOWN IN THIS CATALOGUE.

“ KEEN ”
POLISHING AND GRINDING HEADS
HEAVY TYPE



Enamelled Black with Gold Transfer. All Bright Parts Polished.

Bearings Adjustable.

Right Hand Spindle takes small Parallel Shank Drill.

Ample Bearing surface, ensuring long life.

Will take Emery Wheel $\frac{3}{4}$ in. thick.

Spindle particulars	No. 4 As above, Taper screwed each end	No. 6 As above $\frac{1}{4}$ " 3-jaw Self centring Chuck fitted right hand side	No. 7 As above will take grinding wheel either side, not taper screwed
Height of Spindle ...	5 $\frac{1}{2}$ "	5 $\frac{1}{2}$ "	5 $\frac{1}{2}$ "
Length of Spindle ...	10"	10"	8"
Diameter of Pulley ...	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "
Size of Belt... ..	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
Diameter of Spindle ...	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
Weight	4 lb.	4 lb.	4 lb.
Price	15/6	24/-	20/-

We Don't Meet Competition—We MAKE It.

NOTES

